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LIST OF	PATE	NTS A	ND	PUBI	JICA	TIOI	NS	APPLICANT	Adith Chandrasekh	nar	·			
FOR APP	LICAN	T'S	INFO	)RM	ATIC	N		FILING DATE	Sept. 28, 2001	GROUP 2621				
DISCLOS	SURE S	TAT	EME	NT				FOR: Method, A	pparatus And Syste	m For Black Segr	nent			
								Detection						
					U	INITI	ED S'	TATES LETTER	S PATENT					
	DOC	UME	ENT I	NUM				DATE	NAME	CLASS	SUB			
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<u>9</u> 0	2	4	0	4	1	3	8_	Oct. 6, 1941	Mayer, A.L.	95	94			
JC	3	5	2	0	6	8	9	Jul. 14,1970	Nagae et al.	96	55			
25	3	5	2	0	6	9	0	Jul. 14, 1970	Nagae et al.	96	55			
<u>/C</u>	3	5	8	7	4	3	5	Jun. 28, 1971	Chioffe	95	89			
75-	3	6	1	5	4	7	9	Oct. 26, 1971	Kohler et al.	96	48			
go	3	6	$\frac{1}{1}$	5	2	9	8	Oct. 26, 1971	Acrat Avai	96	55			
7.5	3	7	4	7	$\frac{2}{1}$	2	$\frac{2}{0}$	Nov. 2, 1971 Jul 17, 1973	Stemme	96	59			
90	3	9	0	3	5	4	1	Sep. 2, 1975	Von Meister et al.	346	75			
10 T	$\frac{1}{3}$	9	4	6	3	9	8	Mar 23, 1976	Kyser et al.	354	317			
10	3	9	5	9	0	4	8	May 25, 1976	Stanfield et al.	156	94			
9c	4	0	2	6	7	5	6	May 31, 1977	Stanfield et al.	156	554			
00	4	0	8	1	5	7	7	Mar. 28, 1978	Horner	427	424			
90	4	1	4	2	1	o	7	Feb. 27, 1979	Hatzakis et al.	250	571			
AZ	4	2	1	5	9	2	7	Aug. 5, 1980	Grant et al.	354	317			
10	4	2	4	9	9	8	5	Feb. 10, 1981	Stanfield	156	554			
20	4	3	0	1	4	6	9	Nov. 17, 1981	Modeen et al.	358	75			
90	4	4	9	0	7	2	9	Dec. 25, 1984	Clark et al.	346	75			
90	4	5	0.	1	4	8	0	Feb. 26, 1985	Matsui et al.	354	298			
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20	wo	90/01	240					Feb. 8, 1990	PCT	H04N	1/40			
90		91/09						Jun. 27, 1991	PCT	H04N	5/217			
X.	wo	97/25	652					Jul. 17, 1997	PCT	G03D	5/00			
9C	WO	98/19	216					May 7, 1998	PCT	G03C	5/29			
2C	WO	98/25	399					Jun. 11, 1998	PCT	H04N	1/38			
2		98/31						Jul. 16, 1998	PCT	H04N	5/253			
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Technology Center 2600 **PTO FORM 4/92** Page 2 of 7 ASF00025-PA-US FORM PTO-1449 ATTY. SERIAL NO. 09/966,583 DOCKET LIST OF PATENTS AND PUBLICATIONS APPLICANT Adith Chandrasekhar FOR APPLICANT'S INFORMATION FILING DATE | Sept. 28, 2001 GROUP 2621 DISCLOSURE STATEMENT FOR: Method, Apparatus And System For Black Segment Detection UNITED STATES LETTERS PATENT DOCUMENT NUMBER DATE NAME CLASS SUB **CLASS** Jan. 14, 1986 Fukuda 354 317 4 5 9 Jun. 10, 1986 Iwagami 4 5 9 8 346 140 Nov. 4, 1986 4 6 2 1 0 3 7 Kanda et al. 430 30 4 6 2 3 2 3 6. Nov. 18, 1986 Stella 354 318 4 3 8 0 8 Jan. 13, 1987 6 6 Herron 346 75 May 19. 1987 4 6 6 6 3 0 Matsumoto et al. 356 404 4 7 9 Jun 2, 1987 6 7 0 7 Nagano 358 75 4 3 2 7 6 2 1 Apr. 5, 1988 Shidara 354 317 4 7 4 5 0 4 0 May 17, 1988 Levine 430 21 4 7 5 5 8 4 4 Jul. 5, 1988 Tsuchiya et al. 354 317 4 7 7 7 0 2 Oct. 11, 1988 1 Levine 430 21 4 7 9 6 0 1 Jan. 3, 1989 Ikeda et al. 6 355 73 4 8 1 4 6 3 0 Mar. 21, 1989 Lim 250 578 4 2 8 1 4 1 1 Apr. 11, 1989 Gebhardt 358 75 4 8 4 5 5 5 1 Jul. 4, 1989 Matsumoto 358 80 4 Jul. 25, 1989 8 5 3 1 1 1 Millis et al. 430 30 4 8 5 7 4 3 0 Aug. 15, 1989 Millis et al. 430 30 4 8 7 5 0 6 7 Oct. 17, 1989 Kanzaki et al. 354 325 9 0 Nov. 6, 1990 4 5 Haruki et al. 358 228 FOREIGN PATENT DOCUMENTS **DOCUMENT NUMBER** DATE **COUNTRY CLASS SUB CLASS** WO 98/34397 PCT Aug. 6, 1998 H04N WO 99/43148 Aug. 26, 1999 **PCT** H04N 1/00 WO 01/01197 Jan. 4, 2001 PCT **G03D** 5/00 WO 01/13174 A1 Feb. 22, 2001 PCT **G03D** 5/06 EP 0 261 782 A2 Aug. 14, 1987 H04N Europe 1/46 EP 0 422 220 A1 Mar. 28, 1989 Europe A61B 6/03 EP 0 482 790 B1 Sep. 9, 1991 Europe H04N 1/40 Jul. 21, 1992 G03D EP 0 525 886 A3 5/00 Europe EP 0 580 293 A1 Jun. 22, 1993 H04N Europe 1/04 EP 0 669 753 A2 Feb. 24, 1995 H04N 1/407 Europe OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) "Protorealistic Ink-Jet Printing Through Dynamic Spot Size Control", Wallace, D., Journal of Imaging Science and Technology, Vol. 40, No. 5, pp. 390-395, Sept/Oct. 1996. "MicroJet Printing of Solder and Polymers for Multi-Chip Modules and Chip-Scale Package", Hayes, D., et al., MicroFab Technologies, Inc. "A Method of Characterisstics Model of a Drop-on-Demand Ink-Jet Device Using an Integral Method Drop Formation Model", Wallace, D., MicroFab Technologies, Inc., The American Society of Mechanical Engineers, Winter Annual Meeting, pp. 1-9, Dec. 10-15, 1989. "Digital Imaging Equipment White Papers", Putting Damaged Film on ICE, www.nikonusa.com/reference/whitepapers/imaging, Nikon Corporation, Nov. 28, 2000.

EXAMINER for Chap DATE CONSIDERED /2/2/09
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AC_	4	9	9	4	9	1	8	Feb. 19, 1991	Lingemann	358	214
QC.	5	0	3	4	7	6	7	Jul. 23, 1991	Netz et al.	354	317
90	5	1	0	1	2	8	6	Mar. 31, 1992	Patton	358	487
9c	5	1	2	4	2	1	6	Jun. 23, 1992	Giapis et al.	430	30
1/c	5	1	5	5	5	9	6	Oct. 13, 1992	Kurtz et al.	358	214
1c	5	1	9	6	2	8	5	Mar. 23, 1993	Thomson	430	30
ع و	5	2	1	2	5	1	2	May 18, 1993	Shiota	354	319
9	5	2	3	1	4	3	9	Jul. 27, 1993	Takahashi et al.	354	313
9c	5	2	3	5	3	5	2	Aug. 10, 1993	Pies et al.	346	140
95	5	2	5	5	4	0	8	Oct. 26, 1993	Blackman	15	308
AC _	5	2	6	6	8	0	5	Nov. 30, 1993	Edgar	250	330
	5	2	6	7	0	3	0	Nov. 30, 1993	Giorgianni et al.	358	527
gc/	5	2	9	2	6	0	5.	Mar. 8, 1994	Thomson	430	30
90	5	2	9	6	9	2	3	Mar. 22, 1994	Hung	358	527
$g_{c}$	5	3	5	0	6	5	1	Sep. 27, 1994	Evans et al.	430	21
ge _	5	3	5	0	6	6	4	Sep. 27, 1994	Simons	430	362
9C	5	3	5	7	3	.0	7	Oct. 18, 1994	Glanville et al.	354	324
go	5	3	6	0	7	0	1	Nov. 1, 1994	Elton et al.	430	501
90	5	3	7	1	5	4	2	Dec. 6, 1994	Pauli et al.	348	262
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<u> </u>	EP 0	794 4	454 A	12				Feb. 28, 1997	Europe	G03B	27/73
9	EP 0	930 4	498 A	x2				Dec. 21, 1998	Europe	G01N	21/88
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Technology Center 2600 **PTO FORM 4/92** Page 4 of 7 FORM PTO-1449 ATTY. ASF00025-PA-US SERIAL NO. 09/966,583 DOCKET LIST OF PATENTS AND PUBLICATIONS APPLICANT Adith Chandrasekhar FOR APPLICANT'S INFORMATION FILING DATE Sept. 28, 2001 GROUP DISCLOSURE STATEMENT FOR: Method, Apparatus And System For Black Segment Detection UNITED STATES LETTERS PATENT **DOCUMENT NUMBER** DATE NAME **CLASS** SUB **CLASS** Feb. 21, 1995 Simons et al. May 9, 1995 Mitch May 16, 1995 Skye et al. May 23, 1995 Simons May 23, 1995 Lahcanski et al. Tokuda Jul. 11, 1995 Jul. 25, 1995 Manico Aug. 8, 1995 Gates et al. Sep. 5, 1995 Buhr et al. Sep. 5, 1995 Park Sep. 19, 1995 Capitant et al. Nov. 7, 1995 Edgar May 14, 1996 Hobbs et al. Aug. 13, 1996 Knowles et al. Mar. 5, 1996 Pforr et al. Aug. 27, 1996 Hodgson et al. May 21, 1996 Edgar Sep. 3, 1996 Ryoo et al. Oct. 8, 1996 Koeng et al. FOREIGN PATENT DOCUMENTS **DOCUMENT NUMBER** DATE COUNTRY **CLASS SUB** CLASS OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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<b>29</b> 0		5	5	7	6	8	3	6	Nov. 19, 1996	Sano et al.	358	302		
20c		5	5	8	1	3	7	6	Dec. 3, 1996	Harrington	358	518		
7/1	ب ر	5	5	9	6	4	1	5	Jan. 21, 1997	Cosgrove et al.	358	296		
170		5	6	2	7	0	1	6	May 6, 1997	Manico	430	434		
12cl		5	6	6	4	2	5	3	Sep. 2. 1997	Meyers	396	603		
120		5	6	6	4	2	5	5	Sep. 2, 1997	Wen	396	627		
90		5	6	6	7	9	4	4	Sep. 16, 1997	Reem et al.	430	359		
19c		5	6	7	8	1	1	6	Oct. 14, 1997	Sugimoto et al.	396	611		
		5	6	9	1	1	1	8	Nov. 25, 1997	Haye	430	357		
20		5	6	9	5	9	1	4	Dec. 9, 1997	Simon et al.	430	379		
190		5	6	9	8	3	8	2	Dec. 16, 1997	Nakahanada et al.	430	418		
ge.		5	7	2	6	7	7	3	Mar. 10, 1998	Mehlo et al.	358	474		
Oc		5	7	3	9	8	9	7	Apr. 14, 1998	Frick et al.	355	40		
9-		5	7	7	11	1	0	7	Jun. 23, 1998	Fujimoto et al.	358	464		
00		5	7	9	0	2	7	7	Aug. 4, 1998	Edgar	358	487		
0		5	8	3	5	8	1	1	Nov. 10, 1998	Tsumura	396	598		
19c		5	8	7	0	1	7	2	Feb. 9, 1999	Blume	355	27		
OC.		5	8	8	0	8	1	9	Mar. 9, 1999	Tanaka et. 🙉 al,	355	75		
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AC .	5	8	9	2	5	9	5	Apr. 6, 1999	Yamakawa et al.		358	530
	5	9	3	0	3	8	8	Jul. 27, 1999	Murakami et al.		382	167
90	5	9	6	3	6	6	2	Oct. 5, 1999	Vachtsevanos et a	il.	382	150
9C	5	9	6	6	4	6	5	Oct. 12, 1999	Keith et al.		382	232
-/c	5	9	7	9	0	1	1	Nov. 9, 1999	Miyawaki et al.		15	308
	5	9	8	2	9	3	6	Nov. 9, 1999	Tucker et al.		382	233
	5	9	8	2	9	3	7	Nov. 9, 1999	Accad		382	239
IC	5	9	8	2	9	4	1	Nov. 9, 1999	Loveridge et al.		382	260
20	5	9	8	2	9	5	1	Nov. 9, 1999	Katayama et al.		382	284
AC _	5	9	8	8	8	9	6	Nov. 23, 1999	Edgar		396	604
AC	5	9	9	1	4	4	4	Nov. 23, 1999	Burt et al.		382	232
90	5	9	9	8	1	0	9	Dec. 7, 1999	Hirabayashi		430	434
Ic.	6	0	0	0	2	8	4	Dec. 14, 1999	Shin et al		73	150
20	6	0	0	5	9	8	7	Dec. 21, 1999	Nakamura et al.		382	294
AC.	6	0	6	5	8	2	4	May 23, 2000	Bullock et al.		347	19
QC _	6	0	6	9	7	1	4	May 30, 2000	Edgar		358	487
90	6	0	8	9	6	8	7	Jul. 18, 2000	Helterline		347	7
90	6	1	0	1	2	7	3	Aug. 8, 2000	Matama		382	169
9c	6	1	0	2	5	0	8	Aug. 15, 2000	Cowger		347	7
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RECEIVED ATTY. Techno Astrono25-PA-US **PTO FORM 4/92** Page 7 of 7 JUN 1 0 2002 **FORM PTO-1449** SERIAL NO. 09/966,583 LIST OF PATENTS AND PUBLICATIONS Adith Chandrasekhar APPLICANT FOR APPLICANT'S INFORMATION FILING DATE Sept. 28, 2001 GROUP 2621 DISCLOSURE STATEMENT FOR: Method, Apparatus And System For Black Segment Detection UNITED STATES LETTERS PATENT DOCUMENT NUMBER DATE NAME **CLASS SUB CLASS** Krumbein 3 Sep. 3, 1974 226 92 4 2 5 4 5 May 5, 1981 Slaker 6 5 356 431 4 6 3 3 3 0 0 Dec. 30, 1986 Sakai 358 41 7 2 May 3, 1988 4 4 1 6 1 Taft et al. 356 376 5 0 2 6 Jun. 25, 1991 7 1 4 Manico et al. 354 299 5 2 0 0 8 1 7 Apr. 6, 1993 Birnbaum 358 80 7 5 3 3 4 2 4 Aug. 2, 1994 Columbus et al. 118 411 5 4 7 7 3 4 5 Dec. 19, 1995 Tse 358 500 5 5 8 7 7 5 2 Dec. 24, 1996 Petruchik 396 315 5 2 7 0 6 1 6 May 6, 1997 Manico 430 434 Jul. 15, 1997 5 6 4 9 2 6 0 Wheeler et al. 396 569 5 8 3 5 7 5 Nov. 10, 1998 9 Craig et al. 396 6 5 9 5 9 7 2 0 Kwon et al. Sep. 28, 1999 355 38 6 0 8 8 0 8 4 Jul. 11, 2000 Nishio 355 75 8 2 7 3 Mar. 13, 2001 Takano et al. 430 6 0 0 362 FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER COUNTRY DATE **CLASS** SUB **CLASS** WO 98/25399 Jun. 11, 1998 PCT H04N 1/38 WO 98/34157 Aug. 6, 1998 **PCT G03D** WO 99/43149 Aug. 26, 1999 PCT H04N 1/100 PCT WO 01/45042 A1 Jun. 21, 2001 **G06T** 5/00 WO 01/50192 A1 Jul. 12, 2001 **PCT** G03C 7/407 WO 01/50193 A1 Jul. 12, 2001 PCT G03C 7/407 WO 01/50194 A1 Jul. 12, 2001 PCT G03C 7/407 W**0**01/50197 A1 **PCT** G03C Jul. 12, 2001 7/42 WO 01/52556 A2 Jul. 19, 2001 **PCT** H04N 9/11 Jan. 26, 1994 EP 0 580 293 A1 Europe H04N 1/04 EP 0 601-364 A1 Jun. 15, 1994 H04N 1/387 Europe EP 0 768 571 A2 Арг. 16, 1997 Europe **G03D** 13/00 EP 0 806 861 A1 H04N Nov. 12, 1997 1/00 Europe EP 0 878 777 A2 Nov. 18, 1998 Europe G06T 5/40 OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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